



Joint Solution Brief

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## Oomnitza – Jamf Integration

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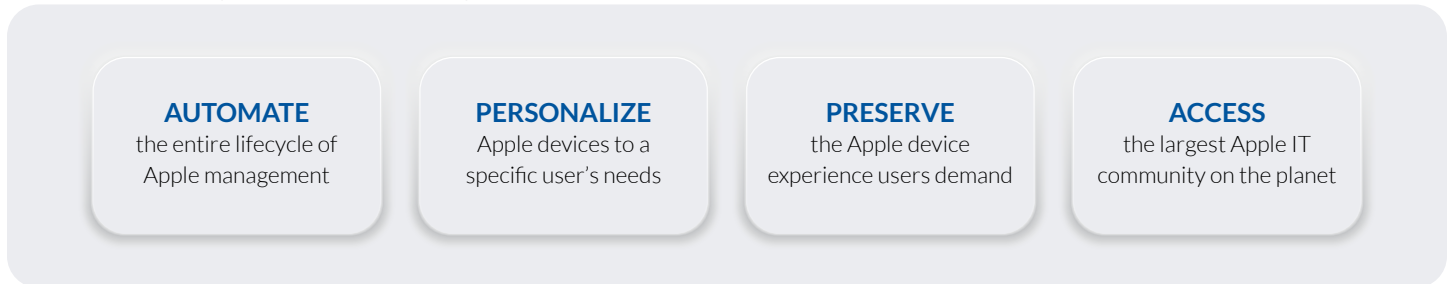
## Introduction

Apple products are a different animal. Beloved by employees—and technical employees, in particular—anything from the Mac company requires IT to do things differently than other enterprise technology ecosystem company. Jamf is the market leader in IT asset management technologies for Apple products, with a robust solution that manages the full lifecycle across all Apple devices and operating systems.

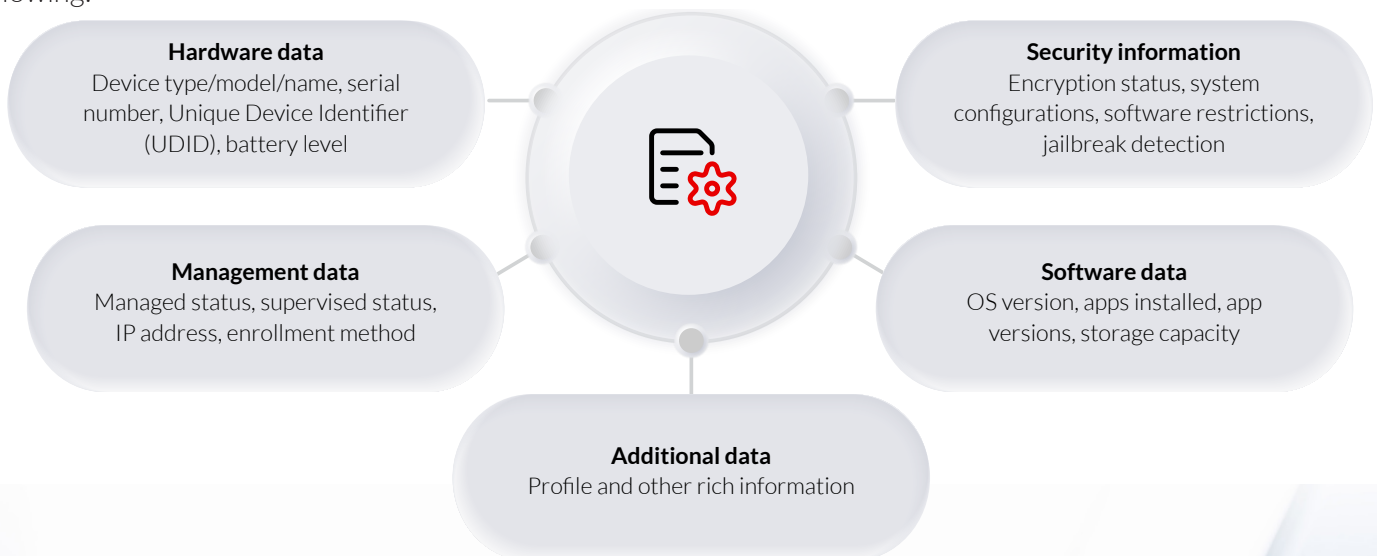
IT leaders today require a holistic view of the lifecycle management and orchestration of all assets in their portfolio. This includes mobile, laptop, tablet, smart peripherals, monitors, video conferencing systems and other devices running Windows, ChromeOS, Android, or Linux, to name a few operating systems. Traditionally, software asset management has resided in a different system entirely from hardware management. Other asset classes are also growing quickly in number and importance, including cloud-based assets like SaaS, IaaS, and PaaS. To integrate the management of Apple systems with a holistic Enterprise Technology Management (ETM) practice, IT teams need flexible, extensible, cloud-based technology management solutions. Omnitza integrates natively with Jamf, bringing all Apple device management into a single pane-of-glass for Enterprise Technology Management.

## The Capabilities of Jamf

With Jamf, IT teams can dramatically improve the efficiency of lifecycle management and orchestration of Apple devices. Jamf helps IT teams and help desks:



More specifically, JAMF automates key aspects of IT asset management for Apple devices by collecting the following:



## Zero-Touch Deployment of Apple Devices

Jamf automates device enrollment and offers a complete zero-touch deployment for all Apple systems. This capability allows IT teams to bring thousands of devices into service without IT ever needing to touch the device thanks to pre-configuration of software and ETM settings.

## Apple-centric Mobile Device Management (MDM)

Jamf leverages Apple's mobile device management (Apple MDM) protocol to enable management of devices at scale, making possible same-day support with every new Apple operating system. The Jamf MDM allows for BYOD device enrollment designed to keep personal and institutional data separate by associating a personal Apple ID with personal data and a Managed Apple ID with corporate data. Jamf empowers privacy, allowing for limited management of devices using a set of configurations associated with the user, not the entire device.

## Automated Inventory Tabulation and Management

Out of the box Jamf collects and organizes inventory automatically. IT teams can set up "smart groups" to segment user and unit details by hardware, software versions and security settings.

# What is a Modern Enterprise Technology Management Solution?

Modern, holistic ETMs are meta-systems that connect all point solutions used for different lifecycle tasks to create a single system of record, management, orchestration and compliance. What makes ETM so powerful is a bi-directional aggregation, publishing, management and orchestration layer that works across all departments in an enterprise. ETMs take data from MDM, CMDB, SAM, ITAM, HRIS, ERP and security subsystems that have relevant information about asset lifecycle, status and usage and create a single datasource of record for IT assets.

With rich APIs and extensible connectors, ETMs can power workflows that automate key IT-related processes. Unlike point solutions, ETM systems are designed to ingest and clean API data from sub-systems and then present a unified, accurate and trustworthy view of every IT asset. Modern ETMs are agentless (collecting data via other installed agents) and require minimal integration work. This flexibility and extensibility is crucial for addressing the full spectrum of lifecycle challenges because new classes of assets are appearing on a continuous basis.

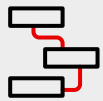


For full asset lifecycle tracking and orchestration, ETMs can deliver the following capabilities:



#### **Cradle-to-grave tracking**

Designed for extensibility and agility, ETMs easily integrate with OEM and distributor systems to start asset tracking from the moment the PO is signed. By connecting across all the sub-systems, ETMs can follow the status and path of any asset from provisioning to refresh to retirement.



#### **Compliance and auditing orchestration across lifecycles**

By breaking down silos and creating comprehensive near-real-time asset tracking, ETM can deliver push-button “replay” for the compliance and auditing process of IT assets. Teams can build workflows with dependencies and decision trees and bundle workflows to create repeatable processes that remove much of the manual toil from compliance work.



#### **Enhanced IT security**

Because ETM discovery is continuous and agentless, security teams can continuously survey their IT landscape for potential asset-based risks and anomalies such as lack of encryption, lack of endpoint protection, or anomalous asset behaviors. Part of this discovery is enabling security teams to remain abreast of all security processes required to improve the security stance at each lifecycle point in an asset’s journey.



#### **Employee experience**

ETM can provide insights for employees into all their asset requests and the lifecycle status of their assets –from status of a repair to time to refresh to status of purchase request for a new SaaS tool. ETM can also make the lives of all employees having to work with or track asset lifecycles better by giving them an easy way to see and track asset data and eliminate manual tasks.



#### **Improved asset optimization and reduced spend**

Having granular and fresh data on the lifecycle status of all assets can help procurement teams shift to more proactive planning and optimize purchasing activity to map precisely to lifecycle data that is accurate and reconciled rather than estimated.

## How the Oomnitza ETM Elevates the Jamf Experience

Oomnitza provides a marketing-leading ETM that has a native integration with Jamf. Deployed by hundreds of enterprises and organizations for full-spectrum IT asset lifecycle management, Oomnitza integrates with leading systems for ITAM, HRIS, ERP, cybersecurity and compliance and governance. With Jamf, Oomnitza offers bi-directional data that allows IT teams using Jamf to continue to use their normal Jamf workflows while automatically populating the Oomnitza system with accurate, updated information. For IT leadership, HR, finance, and compliance teams, Oomnitza puts all Apple device information into a broader enterprise context for analysis, management, and workflow automation across silos. The integration also enables holistic views and orchestration of IT consumption, asset status and deployment at the level of individual, business unit or team, role, geography, or status. With Jamf –Oomnitza integration, IT teams gain superpowers over their Apple portfolio in security, compliance, logistics, finance and experience, including:

- Flagging anomalous behavior such as unexpected IP/subnets
- Identifying and segmenting devices that have not checked in to Jamf for an extended period of time
- WYSIWYG workflow builders to automate time-consuming activities like manual patching, configuration updates, and service installations
- Adding Apple devices to a holistic view of all enterprise technology assets, even if you are using other system management software
- Run unit-wide or corporate-wide reports that detail the distribution and status of all the “Things” in your environment
- Quickly associate an Apple device or software with all other devices, software and services available to an individual

In reality, Apple devices occupy a very small percentage of the entire technology portfolio of most enterprises and large organizations. For this reason, working with the Oomnitza ETM, as well as with multiple asset management and orchestration point solutions is optimal and can even elevate the capabilities and utility of Jamf for both IT teams and users. Here are a few potential use cases:



### Enterprise Application Management

By connecting Jamf device management to a comprehensive end-to-end lifecycle management framework delivered by ETM, IT teams can holistically and proactively manage enterprise applications running on Apple devices throughout their lifecycle of provisioning, renewal and removal. Benefits of the Oomnitza – Jamf integration include:

- Efficient one-click deployment and management of apps on one device, all devices in an enterprise, or groups of devices.
- Better tracking of enterprise applications and software deployments on Apple devices, including licenses used, expiration dates and more.
- Improved security by ensuring that enterprise applications and device operating systems are properly patched with status and out-of-compliance data feeding back into the enterprise security platforms such as SIEM or endpoint management solution.



### Medical Informatics Data

By enabling medical and health care enterprises to securely manage access to Apple devices, this creates a secure framework and data pipeline for medical informatics that goes from the iPhone or wrist of a patient back into electronic health record systems (EHR). Coupling Jamf with Oomnitza empowers hospitals, doctors and other organizations to bring together data and applications from multiple device types and even from instruments running older Windows versions, This provides:

- Improved patient care by creating a holistic view of all data.
- Simplified telemedicine by enabling BYOD for doctors working from home and by ensuring that devices delivering the service are properly inventoried and secured.
- Device orchestration agility by enabling IT teams to craft automated workflows for provisioning, management and security anomalies using bi-directional cross-silo data and Oomnitza-brokered connections between Jamf and other systems.



## Education Organization IT Orchestration and Management

Apple devices are widely used in large education institutions and school systems. These systems tend not to have the same level of resourcing and staffing as enterprises. Oomnitza integrated with Jamf enables more efficient IT asset orchestration and allows resource-constrained IT teams to more easily manage multiple classes of assets and across OS types. This integrated management capability became more important with the rise of remote instruction during COVID. The Oomnitza – Jamf integration provides:

- Zero-touch deployment of Apple devices to schools across broad geographic areas.
- Automated inventory of Apple devices on an ongoing basis to ensure districts and institutions are maximizing existing inventories and not over-purchasing.
- Compliance of all-device security and patching in workforces with diverse technology expertise and better security posture for Apple device surface areas.

## Conclusion: Holistic ETM with Real-time Integrations is Now Essential

For IT teams managing Apple devices, integrating all monitoring, management, orchestration and reporting capabilities with a single aggregation layer for other IT asset data is essential in creating an accurate and holistic view of the entire enterprise asset portfolio. Apple devices continue to gain acceptance in large enterprises: in particular, engineering teams are more likely to use Apple devices, which often serve as the primary machines upon which key development and application management tasks are undertaken. For companies that are dealing more and more with work-from-anywhere, they must support BYOD and dual-tracked management in ways to respect privacy and apply ETM capabilities where they are needed but nowhere else. For all of these requirements and more, the Oomnitza – Jamf integration improves the ability of IT teams to proactively deploy, monitor, and manage not only Apple devices but also to gain the proper context for how these devices show up, are used, and can be optimized for higher productivity and improved security.

### About Oomnitza

Oomnitza offers the industry's most versatile Enterprise Technology Management platform that delivers key business process automation for IT. Our SaaS solution, featuring agentless integrations, best practices and low-code workflows, enables enterprises to quickly achieve operational, security and financial efficiency leveraging their existing endpoint, application, network infrastructure and cloud infrastructure systems. We help some of the most well-known and innovative companies to optimize resources, mitigate cyber risk, expedite audits and fortify digital experience.

Learn more at [Oomnitza.com](https://oomnitza.com).